



Course Information

Course Title	Rehabilitation Techniques
Course Prefix, Num. and Title	PTHA 2435
Division	Allied Health
Department	Physical Therapist Assistant
Course Type	WECM Course
Course Catalog Description	Comprehensive rehabilitation techniques of selected diseases and disorders.
Pre-Requisites	PTHA 1360, 2205, offered fall semester, 2nd year PTA students
Co-Requisites	Enter Co-Requisites Here.

Semester Credit Hours

Total Semester Credit Hours (SCH): Lecture Hours:	4:3:4
Lab/Other Hours	
Equated Pay Hours	5
Lab/Other Hours Breakdown: Lab Hours	4
Lab/Other Hours Breakdown: Clinical Hours	0
Lab/Other Hours Breakdown: Practicum Hours	0
Other Hours Breakdown	0

Approval Signatures

Title	Signature	Date
Department Head:	Kelly Wallace	08/09/2023
Division Chair:	CJDerkowski	10/24/2023
Dean/VPI:		

Additional Course Information

Topical Outline: Each offering of this course must include the following topics (be sure to include information regarding lab, practicum, and clinical or other non-lecture instruction).

I. Course Introduction

- A. Clinical decision making
- B. Five elements of patient/client management
- C. Psychosocial elements to rehabilitation
- D. Disablement model and Conceptual model of disability
- E. Influence of values on patient care

II. Bone, joint, and soft tissue rehabilitation

- A. Fracture management and orthopedic traction

III. Disorders of the spine

- A. Review of spinal anatomy
- B. Review muscles of the face, neck, trunk and back
- C. Assessment and treatment of spinal disorders
- D. McKenzie and Williams Flexion Exercises
- E. Computerized back school program
- F. Myofascial release
- G. Industrial rehab/Work hardening

IV. Disorders of the vascular system and integument

- A. Peripheral vascular disease
- B. Lower extremity amputations
- C. Orthotic/prosthetic assessment and management
- D. Burn management
- B. Osteoarthritis and Rheumatoid arthritis
- C. Total joint replacement

V. Other selected disabilities and rehabilitation techniques

- A. Heart disease and cardiac rehabilitation
- B. Treating patients with AIDS
- C. Pharmacology for the PTA
- D. Psychosocial intervention and discharge planning
- E. Lifelong learning in rehabilitation
- F. Vestibular Management

Course Learning Outcomes:

Learning Outcomes – Upon successful completion of this course, students will:

Describe the principles of physical therapy management for patients with selected musculoskeletal, neuromuscular, cardiopulmonary, and integumentary disorders; demonstrate intervention techniques for selected disorders; and communicate the outcomes of the interventions.

Methods of Assessment:

1. Written unit exams (5)
2. Comprehensive Final
3. Geriatric Project
4. Transfer Project

Required text(s), optional text(s) and/or materials to be supplied by the student:

O'Sullivan & Schmitz (2019). Physical Rehabilitation: Assessment and Treatment (6th Ed.). Philadelphia: F.A. Davis Company

Biel, Trail Guide to the Body, (4th Ed,) Books Discovery
Kisner & Colby (), Therapeutic Exercise: Foundations & Techniques (7th Ed), F.A. Davis. Philadelphia, PA.

Suggested Course Maximum:

16

List any specific or physical requirements beyond a typical classroom required to teach the course.

Classroom lectures, lab skills, power point presentations along with guest speakers who are experts in specific subject areas are utilized. DVD presentations as appropriate are also used.

Course Requirements/Grading System: Describe any course specific requirements such as research papers or reading assignments and the generalized grading format for the course.

5 Written exams	65%
Comprehensive Final	20%
Geriatric Project	10%
Transfer Project.....	05%
Total	100%

- 100 - 90 = A
- 89 - 80 = B
- 79 - 75 = C
- 74 - 70 = D
- Below 70 = F

Students must achieve a 75% or higher on the course final in order to pass the course.

Curriculum Checklist:

- Administrative General Education Course** (from ACGM, but not in WCJC Core) – No additional documents needed.
- Administrative WCJC Core Course.** Attach the Core Curriculum Review Forms
 - Critical Thinking
 - Communication
 - Empirical & Quantitative Skills
 - Teamwork
 - Social Responsibility
 - Personal Responsibility
- WECM Course** -If needed, revise the Program SCANS Matrix and Competencies Checklist